

Title (en)

RADIAL COMPRESSOR FOR AN EXHAUST GAS TURBO CHARGER

Title (de)

RADIALVERDICHTER FÜR EINEN ABGASTURBOLADER

Title (fr)

COMPRESSEUR RADIAL POUR UNE TURBOSOUFFLANTE DE GAZ D'ÉCHAPPEMENT

Publication

EP 2713057 B1 20200108 (DE)

Application

EP 13182798 A 20130903

Priority

DE 102012217381 A 20120926

Abstract (en)

[origin: EP2713057A2] The compressor (1) has a sleeve-like adapter element (10) sectionally including a surface contour (13) at an axial front side (12), which faces towards a compressor wheel (6) in an axial fixing position. The surface contour is formed complementary to an axial wheel-surface contour (9) so that a width (w) of a passage gap (14) is adjusted by axially moving an adapter element in a fastening section (11) in a non-fixed condition of the adapter element. The gap is axially formed between the adapter element and the compressor wheel along the surface contours facing towards each other. The adapter element is made of a plastic material. Independent claims are also included for the following: (1) a turbocharger (2) a method for manufacturing a radial compressor.

IPC 8 full level

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CPC (source: EP US)

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Cited by

DE102017214874A1; CN105909561A; US10094391B2

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